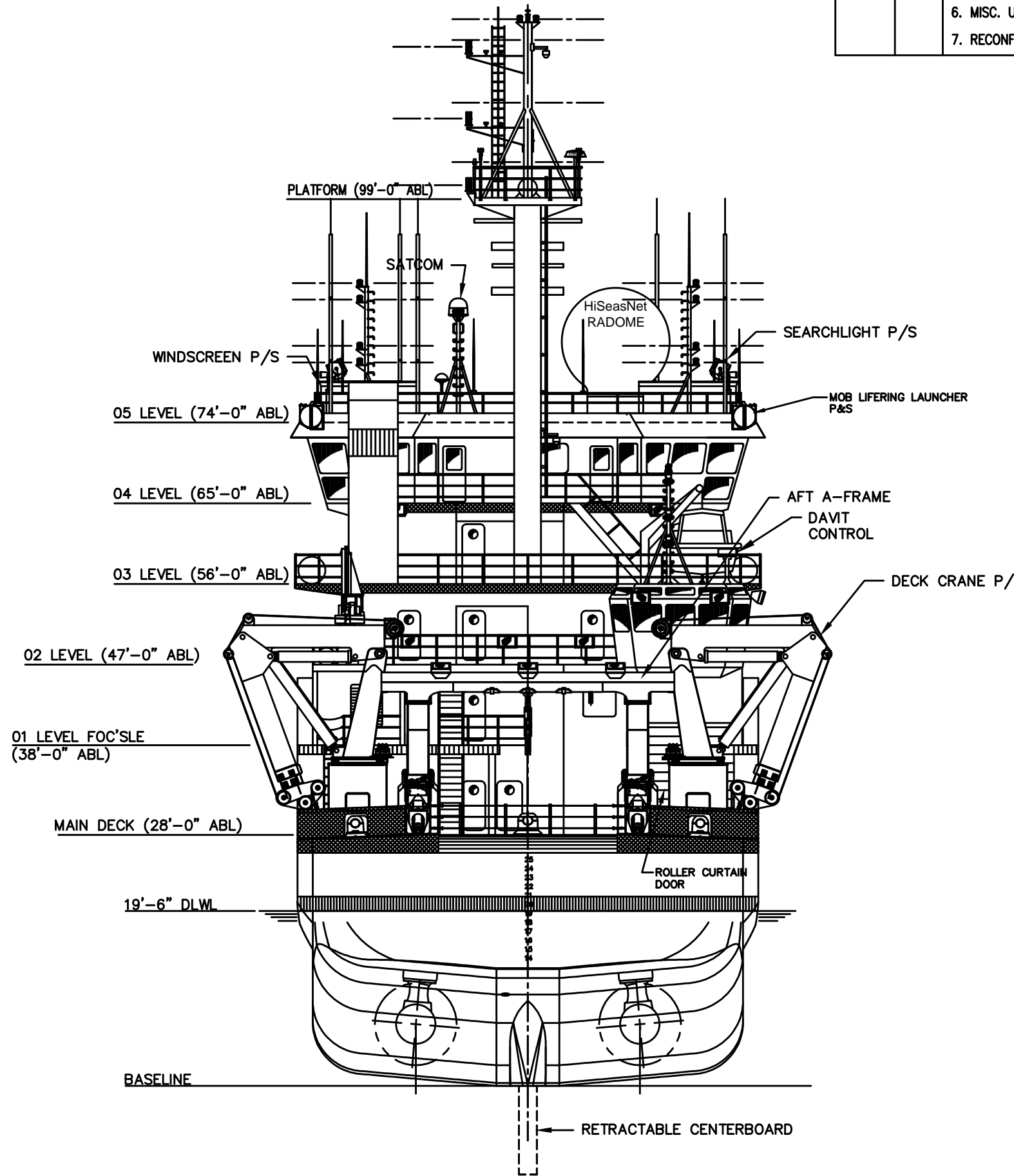




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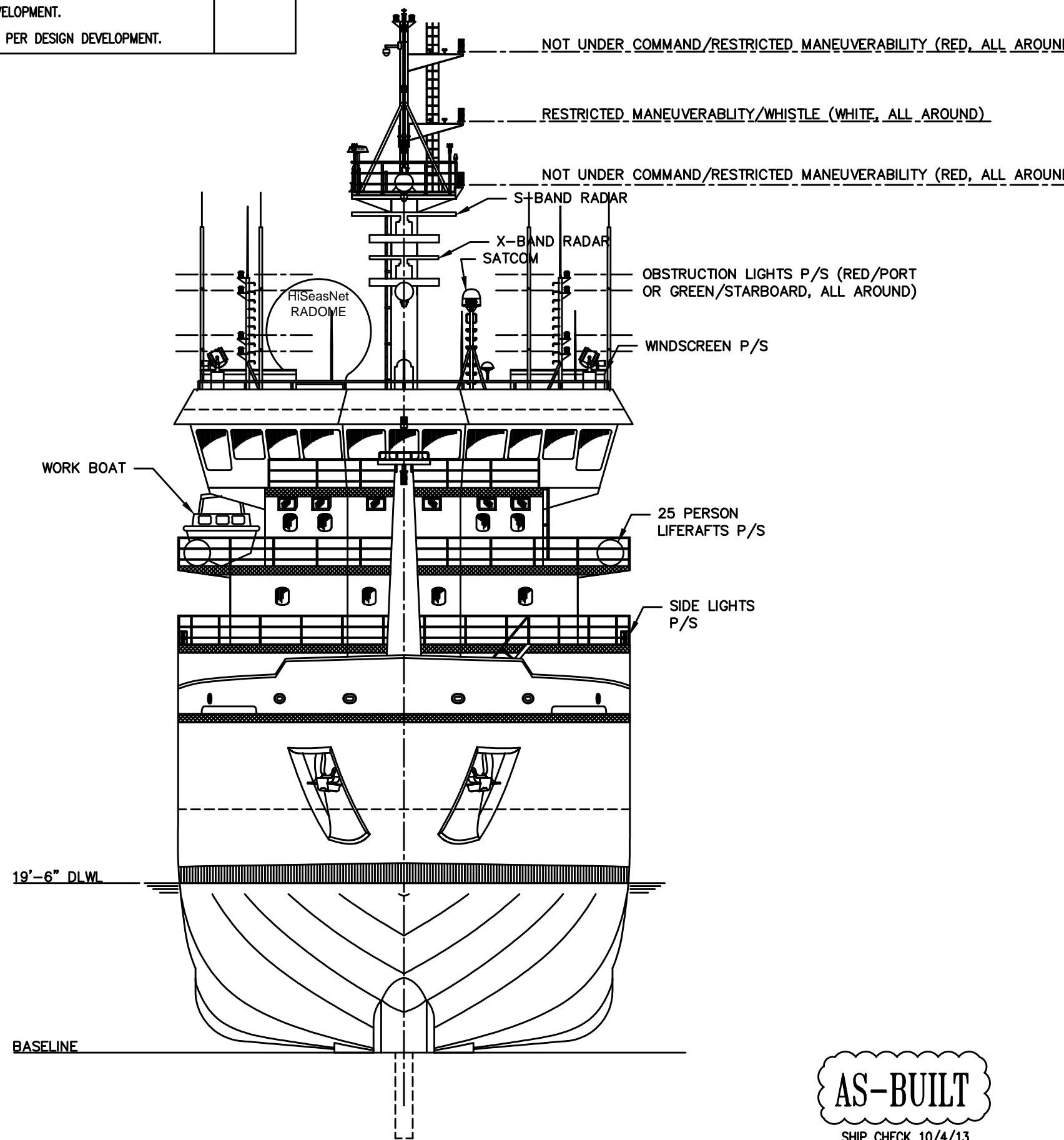
REVISIONS			
SHEET	REV.	DESCRIPTION	DATE
6	D	1. 01 LEVEL: REVERSED SWING OF DOOR 01-16-2 FROM LH TO LHR; REVERSED SWING OF DOOR 01-54-4 FROM RH TO RHR. REVISED PER ABS COMMENT L023.	01/21/13
1,2,3		2. MODIFIED 05 LEVEL VISOR AND WINDSCREEN TO SUIT DESIGN DEVELOPMENT. DESIGN HISTORY 67.	
5,6		3. DELETED CALLOUT FOR PASSAGE 1-15-1 AND ADDED SPACE DESIGNATIONS FOR THE CRANE PEDESTALS ON MAIN DECK, ALL PER UAF COMMENTS.	
7B,13B 45B,45C 2,3,5 6,7,8 4B,5B 11C,51B 2,3,7 20C,52D		4. CORRECTED BALTIC RM ROLLER DOOR CONFIGURATION TO SHOW MECHANISM INSIDE SPACE.	
		5. MODIFIED HANDRAILS THROUGHOUT AND REVISED MAST TO SUIT DESIGN DEVELOPMENT.	
		6. ADDED SIDELIGHTS FR. 13 ON 02 LEVEL PER DH-072.	
		7. RECONFIGURED BOATS AND DAVITS TO DEPICT ACTUAL MODELS PROVIDED.	
		8. ADDED ACCESS DOOR TO HVAC SPACE 03-27-1 PER DESIGN DEVELOPMENT AND DH-068.	
47B 3,6		9. RE-DESIGNATED SOFT PATCHES TWO STERN THRUSTERS AS WERP'S.	
2		10. ADDED MOORING LINE STORAGE REELS IN 01-(-10)-0 AND 1-75-2 PER DESIGN DEVELOPMENT.	
		11. REVISED HULL AESTHETIC STRIPING AND SPECIAL MARKINGS TO AGREE WITH THE PAINT SCHEDULE.	
REV D CONTINUED ON SHEET 2			



STERN VIEW
3/32"=1'-0"

PRINCIPAL CHARACTERISTICS (MOLDED)	
LENGTH OVERALL	261'-6"
LENGTH WATERLINE	239'-11"
BEAM, MAXIMUM	52'-0"
DEPTH, MAIN DECK @ CL	28'-0"
DRAFT, DESIGN WATERLINE	19'-6"
DRAFT, DESIGN W/CENTERBOARD DEPLOYED	30'-3"
FREEBOARD, MAIN DECK @ SIDE	8'-0"
MAX HEIGHT ABOVE KEEL	120'-0"
FUEL OIL CAPACITY AT 95%	APPROX. 160,000 GAL
FRESH WATER CAPACITY AT 100%	APPROX. 13,000 GAL

REVISIONS			
SHEET	REV.	DESCRIPTION	DATE
ALL	B	1. ADD 6' OF LENGTH TO THE VESSEL (CR 19).	01/19/11
		2. ADD MOTOR ROOM AND RELOCATE BHDS AFT OF FRAME 67.	
		3. CHANGE DECKHOUSE ABOVE 02 LEVEL TO ALUMINUM (CR 21).	
		4. OFFSET AFT CRANES AND REMOVE FORWARD CRANE.	
		5. MOVE MG SET ROOM FORWARD AND AFT WINCH ROOM AFT	
		6. SHORTEN PILOTHOUSE	
		7. UPDATE PRINCIPLE CHARACTERISTICS FOR LONGER DEEPER BOAT	
		8. MISC MINOR UPDATES PER CHANGE REQUEST 19, 20, 21 & 22	
		9. ADDED USCG APPROVAL.	
		10. RELEASED RESERVATION 10, BRIDGE CONSOLE ARRANGEMENT.	
ALL	C	1. UPDATED LAYOUT IN EMERGENCY GENERATOR ROOM (01-70-2). ADDED COFFERDAM 01-70-2 PER ABS DIRECTION.	6/6/11
		2. UPDATED LAYOUT IN INCINERATOR ROOM (01-64-2).	
		3. ADDED JACKET WATER HOLDING TANK (4-63-2)	
		4. UPDATE SHAFTING & COUPLING ARRANGEMENT FOR Z-DRIVE UNITS.	
		5. REMOVED RESERVATIONS 3,4,8 & 9.	
		6. MISC. UPDATES PER DESIGN DEVELOPMENT.	
		7. RECONFIGURED VOID (3-114-0) PER DESIGN DEVELOPMENT.	



BOW VIEW
3/32"=1'-0"

AS-BUILT
SHIP CHECK 10/4/13

HALF SIZE
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REVISIONS			
SHEET	REV.	DESCRIPTION	DATE
ALL	A	1. REMOVED LONGITUDINAL BHD IN AFT WINCH ROOM.	10-30-10
		2. CRANE PEDESTAL BASE INCREASED TO 78" DIA.	
		3. ADDED CANTED BOW FRAME STRUCTURE TO ALL PLAN VIEWS.	
		4. ADDED NEW FOREMAST PER CR-9	
		5. MODIFIED SHAPE OF SEWAGE TANK 3-21-0	
		6. UPDATED MOORING & ANCHOR ARRANGEMENT.	
		7. VOID 3-11-0 MOVED TWO FRAMES AFT & RENAMED 3-14-0.	
		8. MISC. MINOR UPDATE FOR DESIGN DEVELOPMENT.	
		9. ADDED USCG APPROVAL.	
		10. REVISED BRIDGE FRONT WINDOWS PER CR-13.	
		11. RELEASED RESERVATIONS 1 & 5.	
		12. ADDED RESERVATIONS 10 & 11.	
		13. MODIFIED T&S MODULES THROUGHOUT TO SUIT DESIGN DEVELOPMENT.	
		14. REVISED BOTH LAUNDRY LAYOUTS PER DESIGN DEVELOPMENT.	
		15. REVISED ALL FRFRIG SPACE BOUNDARIES PER DESIGN DEVELOPMENT.	

REVISIONS			
SHEET	REV.	DESCRIPTION	DATE
ALL	-	1. THIS DRAWING DEVELOPED FROM GLOSTEN DWG#07096-070-01AC.	6-23-10
		2. ADD BHD AT FR 5 EXTEND TO BOTTOM SHELL WITH PERFORATED PLATE AT 1ST PLAT IN CHAIN LOCKER.	
		3. ADD TRUNK AROUND STAIRS IN DRY STORES.	
		4. CHANGE RESCUE BOAT TO 16'.	
		5. ADJUST MANHOLES AS REQUIRED.	
		6. CHAMFER BHDS AND HEADER FRAMES INWAY OF STAIRS WITH HEAD HEIGHT PROBLEMS.	
		7. INCORPORATED CHANGE REQUESTS CR-1,3,4,7,8 AND PARTIAL CR-5.	
		8. CHANGE SWIT DOORS TO SMOOTH SIDE OF BHD.	
		9. MERGE SWB 4-49-0A, VOID 4-49-2 & VOID 4-49-1 INTO VOID 4-49-0A, CHANGE VOID 4-40-0 TO VOID 4-40-1, VOID 4-40-2 AND SWB 4-40-0.	
		10. REARRANGED MESS & LOUNGE.	
		11. CHANGE VOID 4-30-1&2 TO SWB; CHANGE 4-21-2&1 TO VOID 4-21-0.	
		12. REARRANGED CHEM STORES.	
		13. MOVE MG SETS TO BOSUNS STORE ROOM ADD CL BHD PER CR-5.	
		14. ADD CURRENT ENGINE SIZE AND ROTATE 180 DEGREES PER CR-5.	
		15. MOVE JACOBS LADDER DOWN ONE DECK, EXTEND LIFERAFT PLATFORM TO 6FT OFF HOUSE SIDE.	
		16. INCREASE FO DAYTANK SIZE.	
		17. MOVE AFT LIFT TO AFT OF FR. 67.	
		18. REARRANGING WINCHES BASED ON EQUIPMENT SELECTION.	
		19. MOVE LADDER FWD IN LOWER MACHINERY SPACE.	
		20. ADD VESTIBULE TO UPPER MACHINERY SPACE.	
		21. ADD FWD AND AFT SCIENCE SEACHEST.	
		22. MISC UPDATES FOR DESIGN DEVELOPMENT.	
		23. SHIFTED BOWTHRUSTER AFT ONE FRAME.	

REFERENCES

- GPA/MMC DWG. NO. 0650-070-02, LINES PLAN
- GPA/MMC DWG. NO. 0650-200-01, MACHINERY ARRANGEMENT
- ALASKA REGION RESEARCH VESSEL CONTRACT SPECIFICATIONS
- GPA/MMC DWG. NO. 0650-529-01, BILGE & BALLAST SYSTEM DIAGRAM
- GPA/MMC DWG. NO. 0650-541-01, F.O. SERVICE, FILL, TRANSFER & PURIFICATION SYSTEM DIAG.
- GPA/MMC DWG. NO. 0650-100-05, SEACHEST ARRANGEMENT AND DETAILS
- GPA/MMC DWG. NO. 0650-610-01 MOORING ARRANGEMENT

RESERVATIONS

- FOREMAST PENDING CHANGE REQUEST 9
- FORE DECK CRANE PENDING EQUIPMENT SELECTION
- CRANE PENDING EQUIPMENT SELECTION
- AFT A-FRAME PENDING EQUIPMENT SELECTION
- WORK BOAT PENDING EQUIPMENT SELECTION
- TRANSDUCER ROOM (4-30-0) PENDING ARRANGEMENT
- BOW THRUSTER MOTOR PENDING EQUIPMENT SELECTION
- ANTI ROLL TANK GEOMETRY PENDING EQUIPMENT SELECTION
- FINAL MOORING ARRANGEMENT
- FINAL BRIDGE ARRANGEMENT TBD



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MARINETTE MARINE CORPORATION
MARINETTE WISCONSIN 54143

PE STAMP:

CONTRACT NO: UAF 10-0040

UNIVERSITY OF ALASKA FAIRBANKS
FAIRBANKS, ALASKA

"R/V SIKULIAQ"

GENERAL ARRANGEMENT

DATE:

APRV:

APRV: SG 6/04/2010

CHKD: AML 5/12/2010

DWN: CLB/JM 5/11/2010

USCG APVD:

DATE:

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7/15/2010

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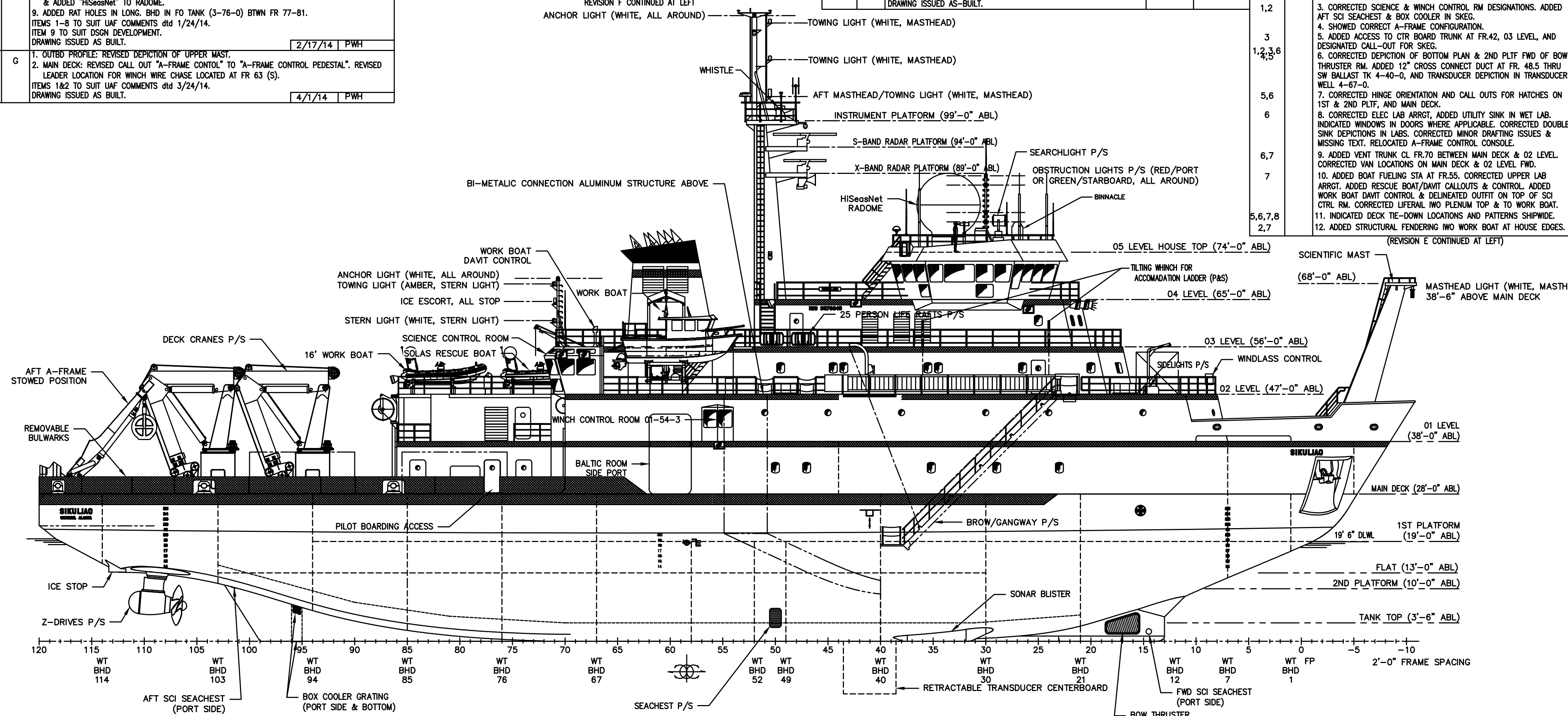
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F		DELETED 5 CO2 BOTTLES IN CO2 LOCKER. ADDED PILOTS EMBARKMENT PORT SIDE AT FR 98. REVISED "TWO" TO "FOAWITH" AT FR 74 (S), 48 (S), 14 (CL) & 3 (S). REVISED DOOR SWING TO VESTIBLE (1-64-4) & CTRBD WELL (4-38-0). 01 LEVEL: RECESSED JOINER WORK ON OUTBOARD SIDE OF MESS BTWN FR 37 & 40. REVISED "TWO" TO "FOAWITH" AT FR 14 (CL) & FR 3 (S). ADDED OPERATORS STAND/PLATFORM TO ANCHOR WINDLASS AT FR 4.			1	F	1. BOW & STERN VIEW: ADDED "HisoseaNet" TO RADOME. REVISED DEPICTION OF UPPER MAST. 2. OUTBOARD PROFILE: ADDED "HisoseaNet" TO RADOME. ADDED TILTING WINCH FOR ACCOMMODATION LADDER ON 03 LVL AT FR 24 & 36. 3. INBOARD PROFILE: ADDED OPERATORS STAND/PLATFORM ON ANCHOR WINDLASS ON 01 LVL AT FR 4. 4. INNER BOTTOM: ADDED DEPICTION OF AFT SKEG. REVISED "FWITH" TO "QAWITH" AT FR 34 (S). 5. 2ND PLATFORM: REVISED "TWO" TO "FOAWITH" AT FR 17 (CL) & 48 (S). REVISED "TWO" TO "QAWITH" AT FR 34 (S). 6. 1ST PLATFORM: REVISED "FWITH" TO "FOAWITH" AT FR 80 (P), 73 (S) & 17 (CL). REVISED "FWITH" TO "FOAWITH" AT FR 68 (P), 64 (S), 48 (S) & 34 (S). 7. MAIN DECK: REVISED DEPICTION OF LEADER FOR BTWN FROM MANHOLE 7"-0" OFF CL (S) BTWN FR 114 & 115 TO QAWITH 16"-10" OFF CL (S) BTWN FR 115 & 114. ADDED CALLOUT FOR INBD MANHOLES FR. 115 P&S.			VAR	E	13. ADDED MISC EXTERIOR DECK DETAIL SUCH AS TAFFRAIL, WINDLASS CONTROL, VENT LOUVERS ETC TO SUIT AS-BUILT CONDITION. 14. REVISED MISC INTERIOR MACHINERY SPACE DETAIL AND STOWAGE AIDS ETC TO SUIT AS-BUILT CONDITION. 15. ADDED/CORRECTED ELECTRICAL PANELS SHIPWIDE TO SUIT AS-BUILT CONDITION. 16. ADDED FIRE STATIONS SHIPWIDE. 17. REARRANGED FURNITURE IN CHIEF ENGR CABIN 03-20-2 AND SCIENCE OFFICE 1-21-2 TO SUIT AS-BUILT CONDITION. 18. INDICATED CORRECT ARRANGEMENT IN SCIENCE CONTROL RM 02-67-1. DRAWING ISSUED AS-BUILT.			5,6	D	12. REVISED EQUIPMENT ARRANGEMENTS IN REFR MACHRY 2-21-1 AND TRASH STIRG SP 1-69-2 PER UAF COMMENTS. 13. ALTERED DOOR SWING VST 01-8-1 JOINER DOOR TO CORRECT INTERFERENCE AND MAKE USABLE. 14. MODIFIED SPARE WORKSHOP LOCATION PER ECM 0650-583-01-002. 15. ALTERED DOOR SWING PASSAGE 1-7-2 AT FR 7 TO CORRECT. 16. ADDED 1" LINER ON INBOARD BHD IN LOUNGE/LIBRARY (01-16-2) AND MESS/LOUNGE (01-24-2) AND PASSAGE (03-25-2) -IWO CBD TRUNK PER UAF DIRECTION.	01/21/13	PWH
7	7. 02 LEVEL: ADDED DEPICTION OF SHORE POWER CABLE STWG AT FR 68 (S). REVISED DEPICTION OF IBS CONTROLS & ADDED RAISED PLATFORM IN SCIENCE CONTROL RM (02-67-1). REVISED "TWO" TO "FOAWITH" AT FR 14 (CL). 03 LEVEL: ADDED TILTING WINCH FOR ACCOMMODATION LADDER (P&S) AT FR 24 & 36. 04 LEVEL: DELETED "452X448 CABINET" CALLOUT. 05 LEVEL: ADDED CALLOUT "OBSTRUCTION" LIGHTMAST. ADDED "DOR" TO TRANSPONDER CALLOUT & ADDED "HisoseaNet" TO RADOME.				5,6,7,8					6,7									
8	9. ADDED RAT HOLES IN LONG. BHD IN FO TANK (3-76-0) BTWN FR 77-81. ITEMS 1-8 TO SUIT UAF COMMENTS dtd 1/24/14. ITEM 9 TO SUIT DSGN DEVELOPMENT. DRAWING ISSUED AS BUILT.	2/17/14	PWH		6					3,6,7	E	1. RENAMED LIFT MACHRY AND ELEV MACHRY SPACES ON 01 AND 02 LEVELS TO "LIFT SHUTT" PER CHANGES TO 070-04 DRAWING. 2. ADDED MAX HEIGHT DIM TO PRINCIPAL CHARACTERISTICS. 3. CORRECTED SCIENCE & WINCH CONTROL RM DESIGNATIONS. ADDED AFT SCI SEACHEST & BOX COOLER IN SKEG. 4. SHOWED CORRECT A-FRAME CONFIGURATION. 5. ADDED ACCESS TO CTR BDOR TRUNK AT FR.42, 03 LEVEL, AND DESIGNATED CALL-OUT FOR SKEG. 6. CORRECTED DEPICTION OF BOTTOM PLANT & 2ND PLTF FWO OF BOW THRUSTER RM. ADDED 12" CROSS CONNECT DUCT AT FR. 48.5 TRUN SW 94 BALLAST TK 4-40-0, AND TRANSDUCER DEPICTION IN TRANSDUCER WELL 4-67-0. 7. CORRECTED HINGE ORIENTATION AND CALL OUTS FOR HATCHES ON	10/06/13	PWH					
2	G	1. OUTBOARD PROFILE: REVISED DEPICTION OF UPPER MAST. 2. MAIN DECK: REVISED CALL OUT "A-FRAME CONTROL" TO "A-FRAME CONTROL PEDESTAL". REVISED LEADER LOCATION FOR WINCH WIRE CHASE LOCATION AT FR 63 (S). ITEMS 1&2 TO SUIT UAF COMMENTS dtd 3/24/14. DRAWING ISSUED AS BUILT.	4/1/14	PWH	<div>REVISION F CONTINUED AT LEFT</div> <div>ANCHOR LIGHT (WHITE, ALL AROUND)</div> <div>TOWING LIGHT (WHITE, MASTHEAD)</div> <div>WHISTLE</div> <div>TOWING LIGHT (WHITE, MASTHEAD)</div> <div>AFT MASTHEAD/TOWING LIGHT (WHITE, MASTHEAD)</div>														



OUTBOARD PROFILE
3/32"=1'-0"

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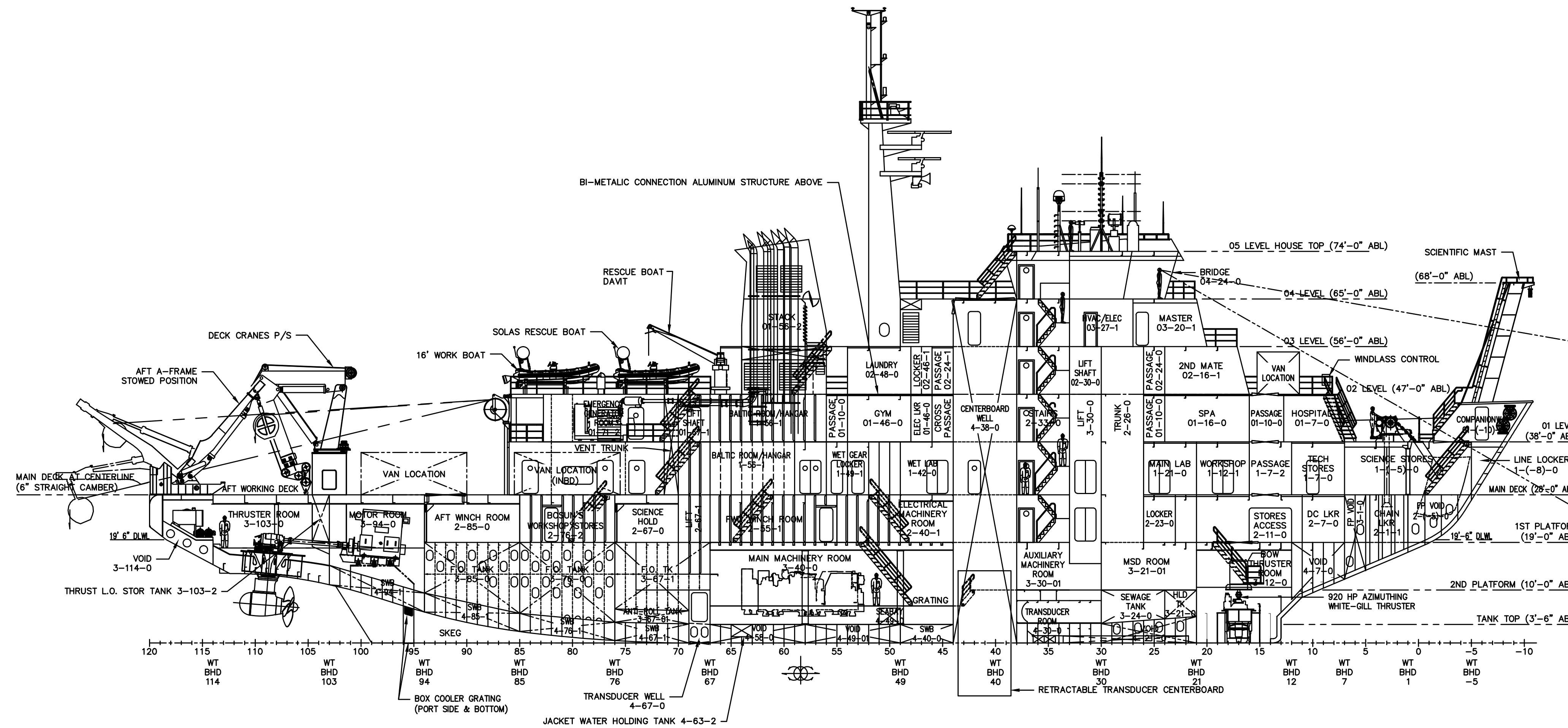
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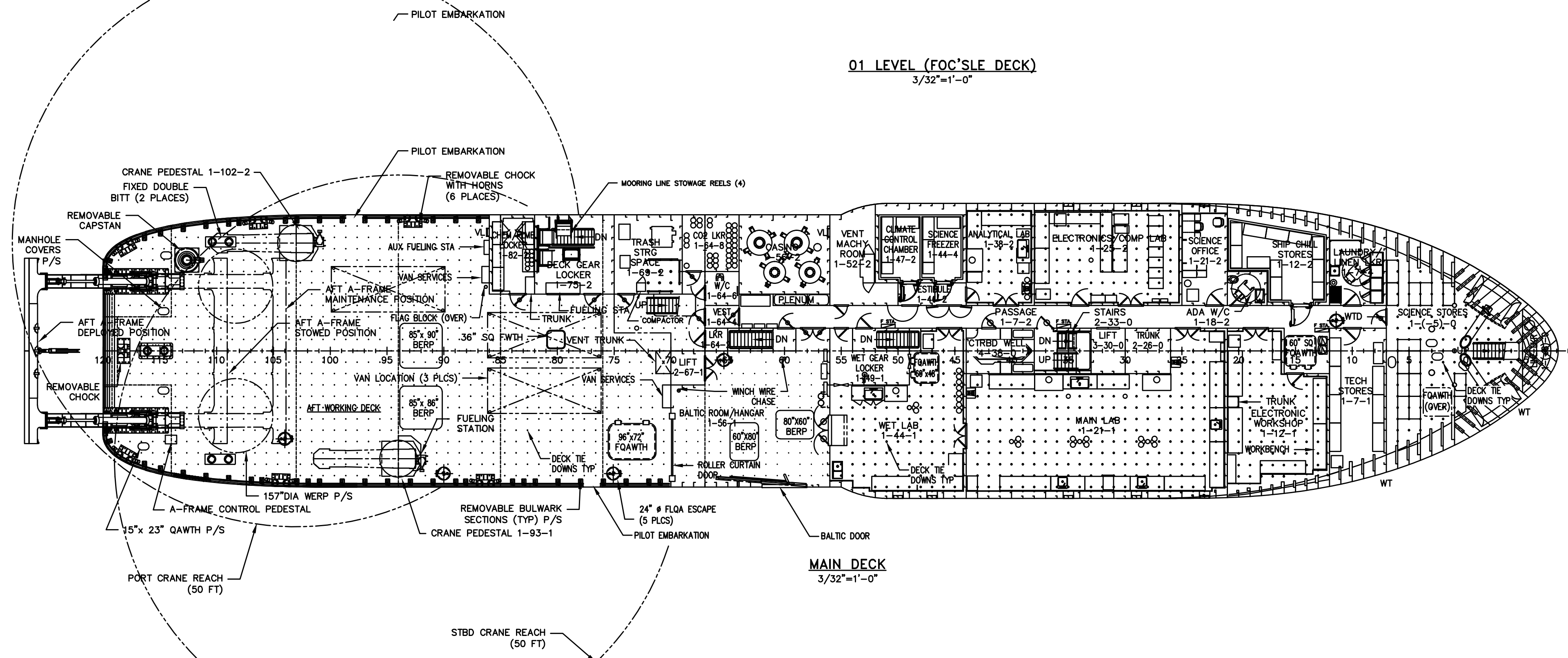
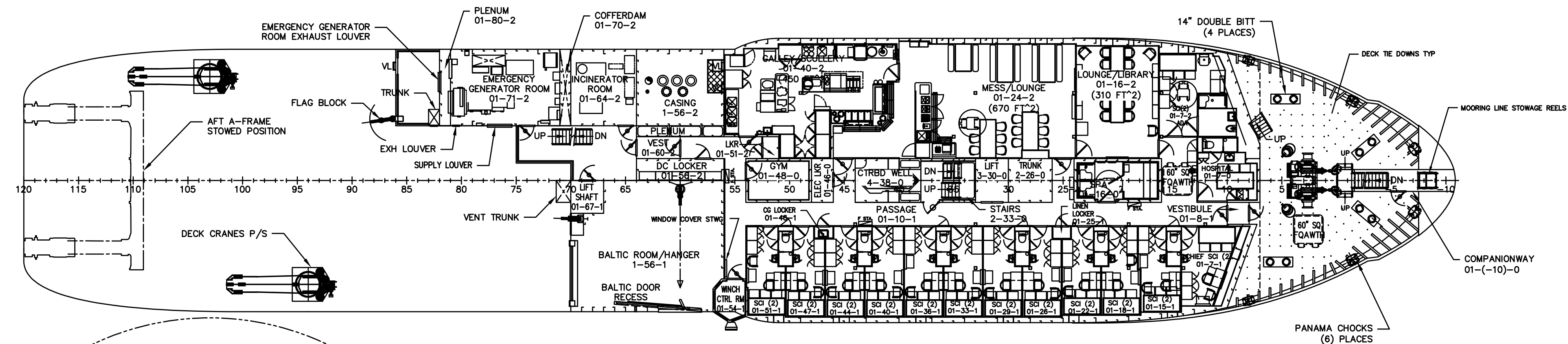
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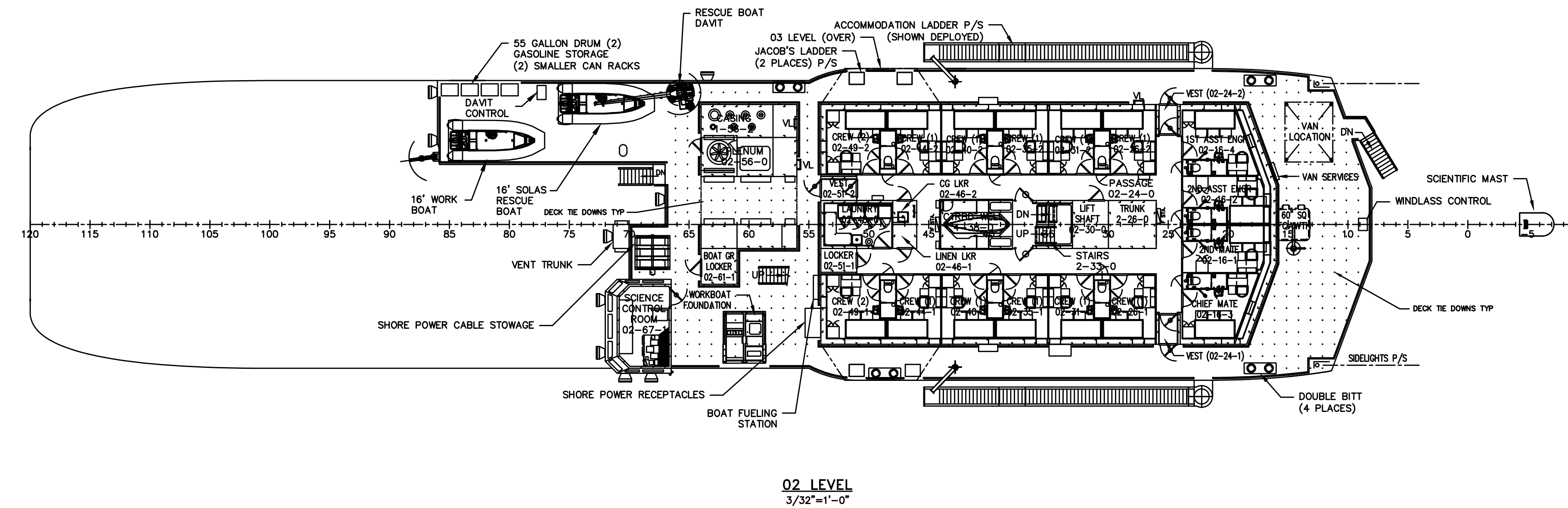
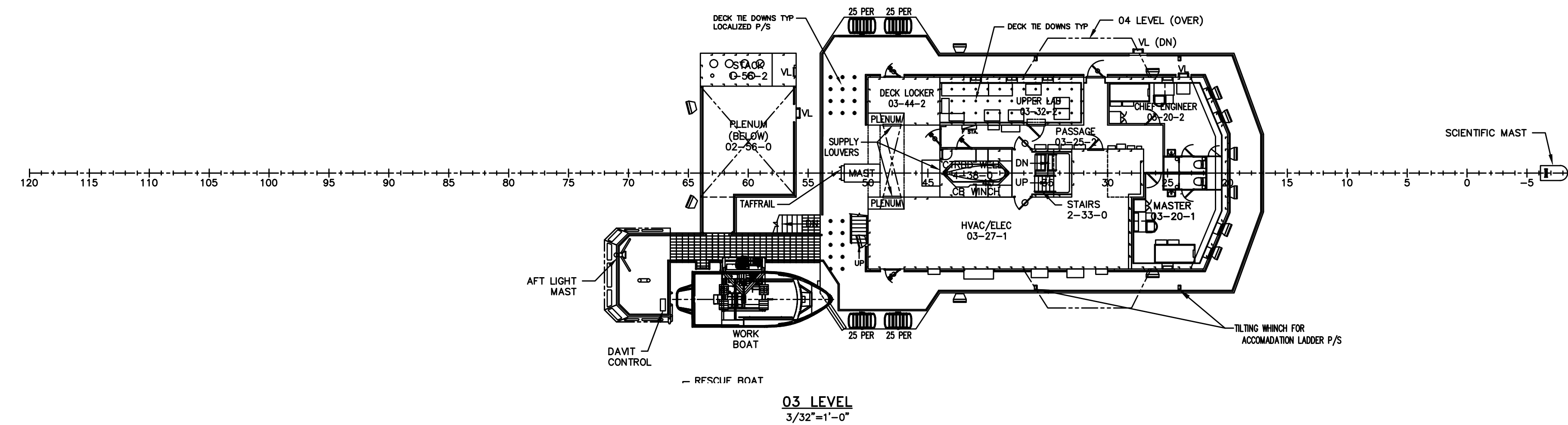
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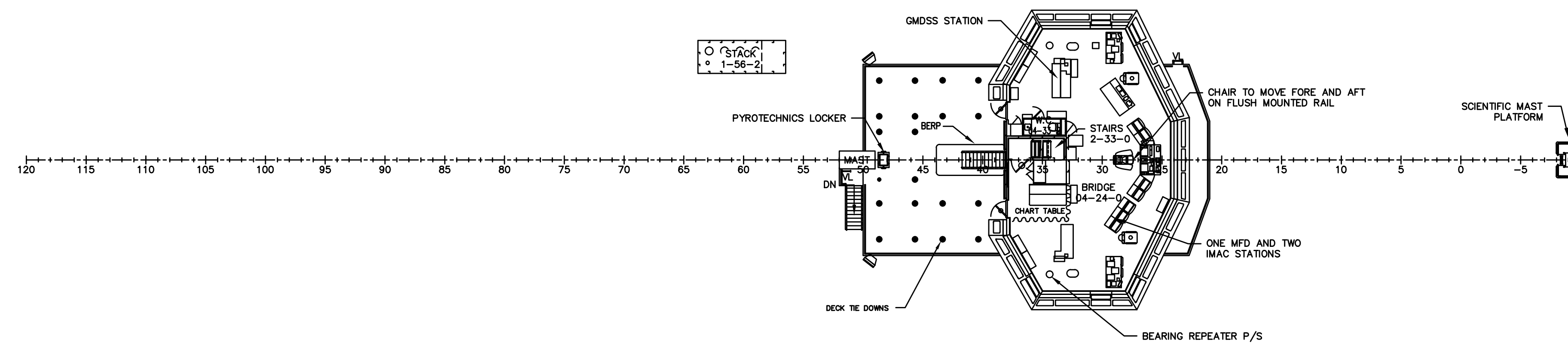
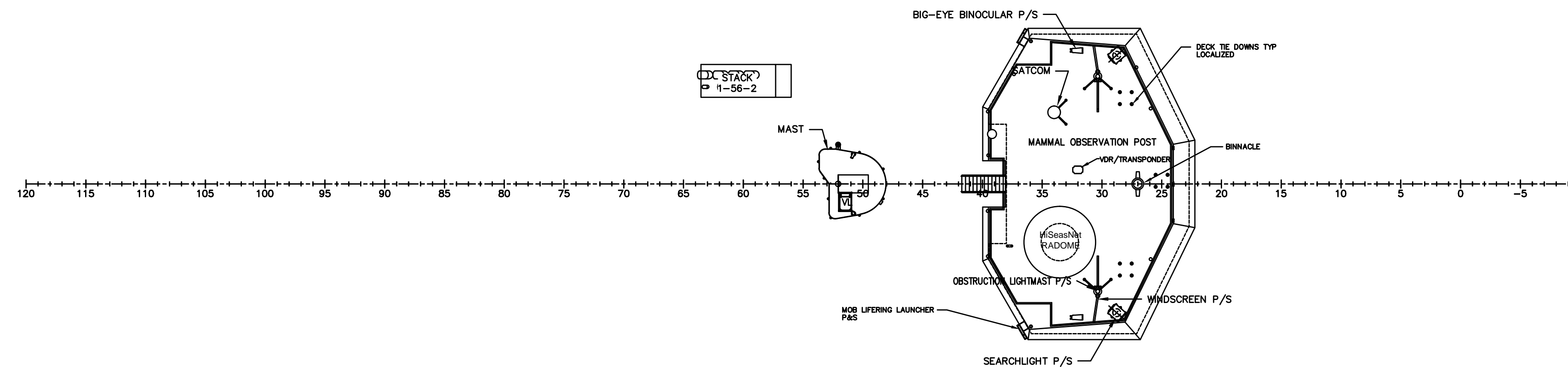
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